

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 10:51 PM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 738 Const Calendar Day: 192 Date: 13-Dec-2012 Thursday

Inspector Name: Bruce, Matt Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 07:00 am 05:30 pm Break: 00:30 Over Time: 02:00

Federal ID:

Location:

Reviewer: Schmitt, Alex

Approved Date:

Status: Submit

**04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge****Weather****Temperature** 7 AM 40 - 50 12 PM 40 - 50 4PM 40 - 50**Precipitation** 0.00"**Condition** Partly overcast and coldWorking Day ☐ If no, explain:**Diary:**

Dispute

Work description.

- Performed an inspection on the suspender rope clamps from panel points 10 to 48 on both the north and south cables. The main focus of this inspection was to identify and measure the gap between the suspender rope zinc button and the suspender clamp. Gaps between these two structural components were measured on the north sidespan only since the catwalk was not obstructing access to the edge. The table below is the gap measurements in millimeters taken on the north sidespan:

Panel Point	Outboard		Inboard	
	Uphill	Downhill	Uphill	Downhill
10	9	7	7	8
12	13	8	8	11
14	6	4	5	7
16	7	9	9	7
18	3	8	7	8
20	6	7	9	7
22	8	7	7	8
24	8	10	5	13
26	5	8	9	9
28	8	7	8	12
30	4	9	6	12
32	7	6	5	10
34	8	7	9	7

The south sidespan gap distances between the suspender clamps and zinc buttons was visually inspected due to access. The gaps were comparable to the north sidespan without physically measuring. It appears that from panel points 36 to 48 the gaps were almost negligible. This may be due to the additional force applied to the suspender ropes in the jacking equipment since the initial rope distance was greater than at the other panel points. See the photos below for more details and addition comments regarding this inspection.

- Checked to see if Schwager Davis was onsite to complete grouting the short vertical PT bars blackout. The subcontractor was not seen onsite today to complete this punchlist work.

04-0120F4 Bid Item: 067 C-PWS-HDR.067 Install Hand Rope

AMERICAN BRIDGE/FLUOR, A JV



ddrRptbyBidItem

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Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name Bruce, Matt

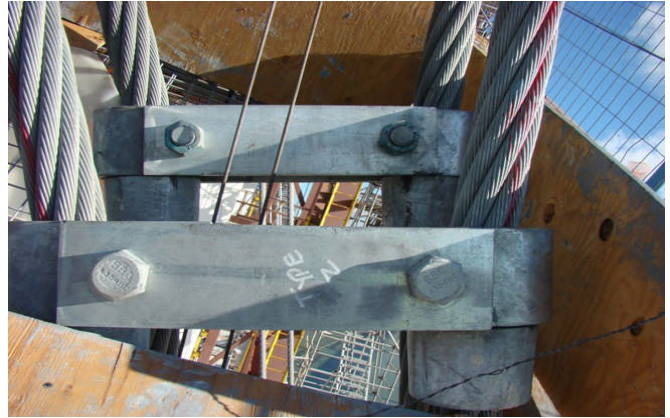
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Attachment



ABF ironworkers in the process of reinstalling the inboard handrope at panel point 40 South.



Suspender clamps with minimal gaps in relation to the zinc button at panel point 38 South.



Gap between the suspender zinc button and clamp at PP30N on the downhill inboard side.



ABF ironworker in the process of reinstalling the inboard handrope at panel point 38 South.